

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

## The Pre-Variscan sequence of the Carnic Alps (Austria and Italy) - Results and highlights

Carlo Corradini<sup>1</sup> and Thomas J. Suttner<sup>2</sup>

<sup>1</sup> Dipartimento di Scienze Chimiche e Geologiche, Università di Cagliari, via Trentino 51, I-09129 Cagliari, Italy.  
email: [corradin@unica.it](mailto:corradin@unica.it)

<sup>2</sup> Naturhistorisches Museum Wien, Burgring 7, 1010 Wien; Institute for Earth Sciences (Geology & Paleontology), NAWI Graz, University of Graz, Heinrichstrasse 26, 8010 Graz, Austria.

The Pre-Variscan sequence of the Carnic Alps includes rocks deposited between the Middle Ordovician and the early Late Carboniferous, and represents one of the most continuous sequence of the world in that time interval. In a relatively small area it is possible to distinguish rocks deposited at various latitudes and climate (from cold in the Ordovician to tropical in the Devonian), and in different sedimentary environments (from shallow water, including reef deposition, to basin). Despite the huge number of papers published on this sequence, a formal lithostratigraphic scheme does not exist and the units are indicated with informal names, often different in various papers. Because the region crosses the state border between Italy and Austria, different terminologies have been adopted on both sides of the mountain chain.

A joint research project was carried out from 2008 to 2015 with the goal to redefine the lithostratigraphy of the Pre-Variscan sequence of the Carnic Alps. More than thirty researchers from various European countries, mainly from Austria and Italy, were involved in four business meetings and three field workshops (Fig.1), and the (re)study of a huge amount of old and new data, in order to achieve a common but unified terminology.

As result the Pre-Variscan sequence of the Carnic Alps is now subdivided in 36 formations, lithologically well characterized, with well-defined boundaries and designated stratotypes.

Beside several papers in international journals, a volume on the revised lithostratigraphy (edited by Corradini & Suttner, 2015) was published. It includes an introduction to the geology of the Pre-

PARTICIPANTS	I	II	III	IV	V	VI	VII
Carlo Corradini							
Maria Corrigan							
Anne Christine Da Silva							
Claudia Dojen							
Enzo Farabegoli							
Annalisa Ferretti							
Kathleen Histon							
Bernhard Hubmann							
Erika Kido							
Angelo Mossoni							
Damien Pas							
M.Cristina Perri							
Werner Piller							
Susanne Pohler							
Monica Pondrelli							
Philip Schnellbacher							
Hans Peter Schoenlaub							
Paolo Serventi							
Luca Simonetto							
Claudia Spalletta							
Thomas Suttner							
Gian Battista Vai							
Corrado Venturini							
Total	8	9	14	13	10	11	5

**Figure 1.** Participants of Carnic Alps Workshops I-VII.

Colour code: orange = indoor; yellow = field workshop.

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

Variscan sequence of the Carnic Alps and a short paper on each formation with general characterization and illustrations of the type section, formation boundaries and typical macrofacies.

### **Original Project title**

Formal Lithostratigraphic Units in the Pre-Variscan Sequence of the Carnic Alps.

### **Project leaders, funding agency, duration**

Corradini, C. and Suttner, T.J., research grants of the participants, 2008-2015.

### **Scientific background**

The pre-Variscan sequence of the Carnic Alps is one of the most complete and better known in the world. Several workers investigated the area since the XIX century and produced a huge amount of papers dealing with different topics in geological sciences (geology, palaeontology, stratigraphy, structural geology, etc.).

However, the different parts of this sequence were mainly denominated with informal names, that derivate either from facies or historical terms. Furthermore, being the region across the state border between Italy and Austria, different terminologies have been adopted on both sides of the mountain chain, which result in different subdivisions of the sequence and a high number of names indicating similar -if not the same- lithological units. Also, in few cases, the same name was used to indicate different units. Moreover, almost none of these units was formalized according to the ICS (International Commission on Stratigraphy) rules.

The goal of the project was to achieve a common but unified terminology, subdividing the lithostratigraphic column of the Pre-Variscan sequence of the entire region into possible formal units, which are well defined according the ICS rules.

### **References**

CORRADINI, C. & SUTTNER, T.J. (eds) (2015): The Pre-Variscan Sequence of the Carnic Alps (Austria and Italy). - Abhandlungen der Geologischen Bundesanstalt, 66: 158.

### **Output:**

#### ***Published papers***

BANDEL, K., HUBMANN, B., KIDO, E., POHLER, S.M.L., SCHÖNLAUB, H.P., SIMONETTO, L. & SUTTNER, T.J. (2015): Hohe Warte Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 85-88.

CORRADINI, C., CORRIGA, M.G., MÄNNIK, P. & SCHÖNLAUB, H.P. (2015): Revised conodont stratigraphy of the Cellon section (Silurian, Carnic Alps). - Lethaia, 48/1: 56-71.

CORRADINI, C., CORRIGA, M.G., PONDRELLI, M., SCHÖNLAUB, H.P. & SIMONETTO, L. (2015): La Valute Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 77-80.

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

CORRADINI, C., CORRIGA, M.G., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L., SPALLETTA, C. & FERRETTI, A. (2015): Rauchkofel Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 73-76.

CORRADINI C., PONDRELLI M., CORRIGA M.G., SIMONETTO L., KIDO E., SUTTNER T.J., SPALLETTA C. & CARTA N. (2012): Geology and stratigraphy of the Cason di Lanza area (Mount Zermula, Carnic Alps, Italy). - Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, 17: 83-103.

CORRADINI C., PONDRELLI M., SIMONETTO L., CORRIGA M.G., SPALLETTA C., SUTTNER T.J., KIDO E., MOSSONI A. & SERVENTI P. (2016): Stratigraphy of the La Valute area (Mt. Zermula massif, Carnic Alps, Italy). - Bollettino della Società Paleontologica Italiana, 55/1: 55-78.

CORRADINI C., PONDRELLI M., SUTTNER, T.J. & SCHÖNLAUB H.P. (2015): The Pre-Variscan sequence of the Carnic Alps. - Berichte der Geologischen Bundesanstalt, 111: 5-40.

CORRADINI, C., SCHÖNLAUB, H.P., PONDRELLI, M., SIMONETTO, L., CORRIGA, M.G., SUTTNER, T.J. & KIDO, E. (2012): A short overview on the Palaeozoic sequence of the Carnic Alps. - Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, 17: 65-70.

CORRADINI, C. & SUTTNER, T.J. (eds) (2015): The Pre-Variscan Sequence of the Carnic Alps (Austria and Italy). - Abhandlungen der Geologischen Bundesanstalt, 66: 158.

CORRADINI, C., SUTTNER, T.J., FERRETTI, A., POHLER, S.M.L., PONDRELLI, M., SCHÖNLAUB, H.P., SPALLETTA, C. & VENTURINI, C. (2015): The Pre-Variscan sequence of the Carnic Alps - an introduction. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 7-15.

CORRIGA, M.G., CORRADINI, C., PONDRELLI, M. & SIMONETTO, L. (2012): Lochkovian (Lower Devonian) conodonts from the Rio Malinier section (Carnic Alps, Italy). - Gortania Geologia, Paleontologia, Paleontologia, 33: 31-38.

CORRIGA, M.G., CORRADINI, C., SCHÖNLAUB, H.P. & PONDRELLI, M. (2016): Lower Lochkovian (Lower Devonian) conodonts from Cellon section (Carnic Alps, Austria). - Bulletin of Geosciences, 91/2: 261-270.

CORRIGA, M.G., SUTTNER, T.J., KIDO, E., CORRADINI, C., PONDRELLI, M. & SIMONETTO, L. (2011): The age of the La Valute limestone-Findenig limestone transition in the La Valute Section (Lower Devonian, Carnic Alps, Italy). - Gortania Geologia, Paleontologia, Paleontologia, 32: 5-12.

FERRETTI, A., SCHÖNLAUB, H.P., CORRADINI, C., CORRIGA, M.G., PONDRELLI, M., SIMONETTO, L. & SERVENTI, P. (2015): Kok Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 46-51.

FERRETTI, A., SCHÖNLAUB, H.P., CORRADINI, C., CORRIGA, M.G., PONDRELLI, M., SIMONETTO, L. & SERVENTI, P. (2015): Cardiola Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 52-55.

FERRETTI, A., SCHÖNLAUB, H.P., CORRADINI, C., CORRIGA, M.G., PONDRELLI, M., SIMONETTO, L. & SERVENTI, P. (2015): Alticola Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 56-60.

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

KIDO, E., POHLER, S.M.L., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L., SPALLETTA, C. & SUTTNER, T.J. (2015): Kellergrat Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy) Abhandlungen der Geologischen Bundesanstalt, 69: 101-104.

MOSSONI, A., CORRADINI, C. & PONDRELLI, M. (2013): Famennian (Late Devonian) conodonts from the Pizzul West section (Carnic Alps, Italy). - Gortania Geologia, Paleontologia, Paleontologia, 34: 13-34.

PAS, D., DA SILVA, A.-C., SUTTNER, T., KIDO, E., BULTYNCK, P., PONDRELLI, M., CORRADINI, C., DE VLEESCHOUWER, D., DOIEN, C. & BOULVAIN, F. (2014): Insight into the development of a carbonate platform through a multi-disciplinary approach: a case study from the Upper Devonian slope deposits of Mount Freikofel (Carnic Alps, Austria/Italy). - International Journal of Earth Sciences, 103: 519–538.

PIRAS, S., SIMONETTO, L. & CORRADINI, C. (2012): Wenlockian (Silurian) graptolites from "La Valute Nord" Section (Mt. Zermula, Carnic Alps, Italy). - Gortania Geologia, Paleontologia, Paleontologia, 33: 5-14.

PIRAS, S., SIMONETTO, L. & CORRADINI, C. (2013): *Retiolites angustidens* Elles & Wood, 1908 (Graptolithina) from the Silurian of Mt. Cocco (Carnic Alps, Italy). - Gortania Geologia, Paleontologia, Paleontologia, 34: 5-11.

POHLER, S.M.L., BANDEL, K., KIDO, E., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L. & SUTTNER, T.J. (2015): Seewarte Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 89-91.

POHLER, S.M.L., BANDEL, K., KIDO, E., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L. & SUTTNER, T.J. (2015): Lambertenghi Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 92-95.

POHLER, S.M.L., BANDEL, K., KIDO, E., PONDRELLI, M., SUTTNER, T.J., SCHÖNLAUB, H.P. & MÖRTL, A. (2015): Polinik Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 81-84.

POHLER, S.M.L., CORRADINI, C., KIDO, E., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L., SPALLETTA, C. & SUTTNER, T.J. (2015): Spinotti Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 96-100.

PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., KIDO, E., MOSSONI, A., SIMONETTO, L., SPALLETTA, C., SUTTNER, T.J. & CARTA, N. (2015): Depositional and deformational evolution of a Lower Paleozoic portion of the Southalpine domain: the Mt. Pizzul area (Carnic Alps, Italy). - International Journal of Earth Sciences, 104: 147-178.

PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., SCHÖNLAUB, H.P., SPALLETTA, C., POHLER, S.M.L., MOSSONI, A., SIMONETTO, L., SUTTNER, T.J., PERRI, M.C., & KIDO, E. (2015): Kellerwand Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 109-112.

PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., SCHÖNLAUB, H.P., SPALLETTA, C., POHLER, S.M.L., MOSSONI, A., SIMONETTO, L., SUTTNER, T.J., PERRI, M.C. & KIDO, E. (2015): Vinz Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 113-116.

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

PONDRELLI, M., CORRADINI, C., SCHÖNLAUB, H.P., SPALLETTA, C., POHLER, S.M.L., SUTTNER, T.J., KIDO, E., PERRI, M.C., CORRIGA, M.G., MOSSONI, A. & SIMONETTO, L. (2015): Cellon Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 117-120.

PONDRELLI, M., PAS, D., SPALLETTA, C., SCHÖNLAUB, H.P., FARABEGOLI, E., CORRADINI, C., SUTTNER, T.J., CORRIGA, M.G., PERRI, M.C., DA SILVA, A.C., POHLER, S.M.L., SIMONETTO, L., DOJEN, C., MOSSONI, A., KIDO, E. & HÜNEKE, H. (2015): Freikofel Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 121-124.

PONDRELLI, M., SCHÖNLAUB, H.P., CORRADINI, C., SPALLETTA, C., SUTTNER, T.J., KIDO, E., PERRI, M.C., SIMONETTO, L. CORRIGA, M.G., MOSSONI, A., POHLER, S.M.L. & HÜNEKE, H. (2015): Hoher Trieb Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 125-128.

SCHÖNLAUB, H.P. (2015): Fleons Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 23-25.

SCHÖNLAUB, H.P. (2015): Himmelberg Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 26-29.

SCHÖNLAUB, H.P. & FERRETTI, A. (2015): Plöcken Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 42-45.

SCHÖNLAUB, H.P. & FERRETTI, A. (2015): Uqua Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 38-41.

SCHÖNLAUB, H.P. & FERRETTI, A. (2015): Wolayer Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 34-37.

SCHÖNLAUB, H.P., FERRETTI, A., CORRADINI, C., CORRIGA, M.G., PONDRELLI, M. & SIMONETTO, L. (2015): Nöbling Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 61-64.

SCHÖNLAUB, H.P., FERRETTI, A., CORRADINI, C., CORRIGA, M.G., PONDRELLI, M. & SIMONETTO, L. (2015): Bischofalm Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 65-68.

SCHÖNLAUB, H.P. & HEINISCH, H. (2015): Comelico Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 19-22.

SCHÖNLAUB, H.P. & SIMONETTO, L. (2015): Valbertad Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 30-33.

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

SCHÖNLAUB, H.P., SPALLETTA, C. & VENTURINI, C. (2015): Kirchbach Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 148-150.

SCHÖNLAUB, H.P. & VENTURINI, C. (2015): Val Visdende Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 16-18.

SERVENTI, P., CORRADINI, C. & SIMONETTO, L. (2014): First description of the Genus *Nucleoceras* Kolebaba from the Silurian of the Carnic Alps, N.E. Italy. - Gortania Geologia, Paleontologia, Paleontologia, 35: 5-10.

SPALLETTA, C., FERRARI, A., KIDO, E., PERRI, M.C., POHLER, S.M.L., PONDRELLI, M., SCHÖNLAUB, H.P., SUTTNER, T.J. & VAI, G.B. (2015): Creta di Collina Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 105-108.

SPALLETTA, C., PERRI, M.C., PONDRELLI, M., CORRADINI, C., MOSSONI, A. & SCHÖNLAUB, H.P. (2015): Pal Grande Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 137-140.

SPALLETTA, C., PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., PERRI, M.C., SCHÖNLAUB, H.P., SIMONETTO, L. & MOSSONI, A. (2015): Findenig Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 129-132.

SPALLETTA, C., SCHÖNLAUB, H.P., PONDRELLI, M. & CORRADINI, C. (2015): Valentin Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 133-136.

SPALLETTA, C., SCHÖNLAUB, H.P., PERRI, M.C., VENTURINI, C. & PONDRELLI, M. (2015): Zollner Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 33-136.

SPALLETTA, C., SCHÖNLAUB, H.P., PONDRELLI, M., CORRADINI, C. & SIMONETTO, L. (2015): Plotta Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 145-147.

SPALLETTA, C., VENTURINI, C., SCHÖNLAUB, H.P. & PONDRELLI, M. (2015): Hochwipfel Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 151-154.

SUTTNER, T.J., BANDEL, K., CORRADINI, C., CORRIGA, M.G., KIDO, E., POHLER, S.M.L., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L. & VAI, G.B. (2015): Seekopf Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 69-72.

SUTTNER, T.J. & KIDO, E. (2015): Distinct sea-level fluctuations and deposition of a megaclast horizon in the neritic Rauchkofel Limestone (Wolayer area, Carnic Alps) correlate with the Lochkov–Prag Event. - In: BECKER, R.T., KÖNIGSHOF, P. & BRETT, C.E. (eds): Devonian Climate, Sea Level and Evolutionary Events. Geological Society, London, Special Publications, 423.

Ber. Inst. Erdwiss. K.-F.-Univ. Graz	ISSN 1608-8166	Band 22	Udine 2016
<i>IGCP 596, Closing Meeting</i>		Udine, 10-12 <sup>th</sup> October 2016	

VENTURINI, C. & SPALLETTA, C. (2015): Dimon Formation. - In: CORRADINI, C. & SUTTNER, T.J. (eds): The Pre-Variscan sequence of the Carnic Alps (Austria and Italy). Abhandlungen der Geologischen Bundesanstalt, 69: 155-158.

### **Abstracts**

CORRADINI, C., CORRIGA, M.G., KIDO, E., PONDRELLI, M., SCHÖNLAUB, H.P., SIMONETTO, L., SPALLETTA, C. & SUTTNER, T. (2014): Lochkovian (Lower Devonian) conodont stratigraphy of the Carnic Alps (Italy-Austria). - In: Cerdeño, E. (ed.): 4th International Palaeontological Congress, Abstract Volume: 843.

CORRADINI, C., CORRIGA, M.G. & MÄNNIK, P. (2013): Revised conodont stratigraphy of the Silurian of Cellon, Carnic Alps. - In: LINDSKOG, A. & MEHLQVIST, K. (eds): Proceedings of the 3rd IGCP 591 Annual Meeting, Lund, Sweden, 9-19 June 2013: 69-70.

CORRADINI, C., CORRIGA, M.G. & MÄNNIK, P. (2013): Updated conodont stratigraphy of the Silurian of Cellon section, Carnic Alps. - Asociación Paleontológica Argentina, Publicación Especial, 13: 137.

CORRADINI, C., CORRIGA, M.G., SUTTNER, T.J., KIDO, E., VODRÁŽKOVÁ, S., KOPTÍKOVÁ, L., DA SILVA, A.C., PONDRELLI, M. & SIMONETTO, L. (2012): Facies development and MS across the Silurian/Devonian boundary in the Lake Wolayer area (Carnic Alps, Italy and Austria). - Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, 17: 13-14.

CORRADINI, C., & SUTTNER, T.J. (2015): Lithostratigraphy of the Pre-Variscan sequence of the Carnic Alps (Austria-Italy). - In: PILLER, W.E. (ed.): Strati 2015, Abstracts. Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, 21: 65.

KIDO, E., SUTTNER, T.J., PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., SIMONETTO, L., VODRÁŽKOVÁ, S., JOACHIMSKI, M.M. & KOPTÍKOVÁ, L. (2013): Eifelian-Givetian crisis: evidence from lithological, geochemical and geophysical records of the Carnic Alps. - In: NARDIN, E. & ARETZ, M. (eds): "Pre-Cenozoic Climates" International Workshop, 17-19<sup>th</sup> June 2013, Toulouse (France). Strata, s.1, 14: 36-37.

KIDO, E., SUTTNER, T.J., PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., SIMONETTO, L., VODRÁŽKOVÁ, S. & KOPTÍKOVÁ, L. (2012): Geochemical and geophysical records of the Middle Devonian sequence in the Carnic Alps. - Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, 17: 29-30.

PONDRELLI, M., CORRADINI, C., SPALLETTA, C., SUTTNER, T.J., SCHÖNLAUB, H.P., PAS, D., KIDO, E., CORRIGA, M.G., MOSSONI, A., SIMONETTO, L., POHLER, S., PERRI, M.C., FARABEGOLI, E., DA SILVA, A.-C., DOJEN, C. & HÜNEKE, H. (2015): Upper Lochkovian to lower Famennian evolution of the Carnic Alps: perspectives from the 'transitional facies'. - In: PILLER, W.E. (ed.): Strati 2015, Abstracts. Berichte des Institutes für Erdwissenschaften, Karl-Franzens-Universität Graz, 21: 305.

SCHÖNLAUB, H.P., CORRADINI, C., CORRIGA, M.G. & FERRETTI, A. (2016): Updated conodont biostratigraphy of the Rauchkofel Boden Section (Katian-Pragian), Carnic Alps, Austria. - In: GURDEBEKE, P, DE WEIRD, J., VANDENBROUCKE, T.R.A. & CRAMER, B.D. (eds): IGCP 591 The early to middle Palaeozoic revolution, closing meeting, Gent, Belgium, 6-9 July, 2016, Abstracts: 71.

### **Public outreach**

CORRADINI, C., CORRIGA, M.G., KIDO, E., MUSCIO, G., PONDRELLI, M., SUTTNER, T.J., SIMONETTO, L. & SPALLETTA, C. (2013): Cason di Lanza - leggere il passato nelle rocce. - Le guide del Geoparco della Carnia, 1: 48.